

<b>5 DOCUMENTATION OF STAINS AND STAIN PATTERNS</b>	Page 1 of 2
<div style="text-align: center;"> <b>Division of Forensic Science</b>  <b>BLOODSTAIN PROCEDURES GUIDE</b> </div>	Amendment Designator:
	Effective Date: 15-October-2004
<div style="text-align: center; margin-bottom: 20px;"> <b>5 DOCUMENTATION OF STAINS AND STAIN PATTERNS</b> </div> <div> <div style="margin-bottom: 20px;"> <b>5.1 Notes</b> </div> <div style="margin-bottom: 20px;"> <div style="margin-left: 20px;"> 5.1.1 Notes should answer the question of what, where, when and how related to a stain and should also include information about who conducted the documentation. For example, when describing a stain, “what” might include the color, size, shape and distribution and the stain category. “Where” would include measurements that may be incorporated in the sketches. </div> <div style="margin-left: 20px;"> 5.1.2 The qualities needed for good note taking include the following: <div style="margin-left: 20px;"> 5.1.2.1 Accurate </div> <div style="margin-left: 20px;"> 5.1.2.2 Comprehensive </div> <div style="margin-left: 20px;"> 5.1.2.3 Clear and Concise </div> </div> <div style="margin-left: 20px;"> 5.1.3 Notes are an essential part of the documentation of a scene along with the photographs &amp; sketch. </div> </div> <div style="margin-bottom: 20px;"> <b>5.2 Sketching</b> </div> <div style="margin-bottom: 20px;"> <div style="margin-left: 20px;"> 5.2.1 A drawing or multiple drawings should be created to establish the general pattern area with attention to each specific pattern area. </div> <div style="margin-left: 20px;"> 5.2.2 These should include measurements and placements of all bloodstain patterns. </div> <div style="margin-left: 20px;"> 5.2.3 A list of the designated pattern areas and their descriptions should be included. </div> </div> <div> <b>5.3 Photography</b> </div> <div style="margin-left: 20px;"> 5.3.1 Use slow speed film (e.g., 100 ASA) to minimize grain with enlargements. </div> <div style="margin-left: 20px;"> 5.3.2 Use color film. Small spots of blood need to be distinguished from surface contaminants and surface patterns. </div> <div style="margin-left: 20px;"> 5.3.3 Mount camera on a tripod to help ensure exact focusing and to make sure film plane is parallel to the stained surface. </div> <div style="margin-left: 20px;"> 5.3.4 Orientation photos should show relationship of stained area with the floor, a corner of the room, or other recognizable features. </div> <div style="margin-left: 20px;"> 5.3.5 After orientation photos are taken without scales, additional distribution photos are taken with long scales (four foot yellow scales). These establish the height of the stain pattern (primary vertical scale), and with an additional scale (perpendicular to the height scale), the horizontal spread of the stain pattern (the film plane should be parallel to the stain surface). </div> <div style="margin-left: 20px;"> 5.3.6 If additional scales are needed, besides the longer primary horizontal and vertical scales, at least one photograph should show the relationship of the overall boundary. </div> <div style="margin-left: 20px;"> 5.3.7 The pattern area may then be divided in grids. </div> <div style="margin-left: 20px;"> 5.3.8 Close-ups follow (using a metric scale) to show stain shape and relative sizes of blood stains. </div> <div style="margin-left: 20px;"> 5.3.9 If additional scales are needed, besides the longer primary horizontal and vertical scales, at least one photo should show the relationship of the small scale to either the primary vertical or horizontal scale. </div> </div>	

<b>5 DOCUMENTATION OF STAINS AND STAIN PATTERNS</b>	Page 2 of 2
<div> <div>Division of Forensic Science</div> <div>BLOODSTAIN PROCEDURES GUIDE</div> </div>	Amendment Designator:
	Effective Date: 15-October-2004
<div> <div>5.3.10</div> <div> <p>If a wide-angle lens is used to encompass a long stain pattern (e.g. cast-off stain), document its use carefully. Re-photograph the same stain with the 50 mm lens and use the 50 mm lens to overlap the remaining photos.</p> <div>◆End</div> </div> </div>	